Degree planner — BSc in Molecular and Cellular Biology

If no point value is listed, papers are worth 15 points.

**List A**
Choose 45 points from the following:
- APHYS111 Physics in Context
- BIOEB101 Concepts of Biology
- BIOBE102 Introduction to Ecology and Biodiversity
- BIOMO101 Introduction to Molecular and Cellular Biology
- CHEMY100 Chemistry in Context
- EARTH101 Introduction to Earth System Sciences
- EARTH102 Discovering Planet Earth
- ENGEN111 Electricity and Electronics
- ENGEN112 Materials Science and Engineering
- ENGEN180 Foundations of Engineering
- ENVISC101 Environmental Science
- PHLEO102 Introduction to Logic

**List B**
Choose 30 points from the following:
- MATHS168 Preparatory Mathematics
- MATHS165 General Mathematics
- MATHS135 Discrete Structures
- MATHS101 Introduction to Calculus Or ENGEN184 Calculus for Engineers
- MATHS102 Introduction to Algebra Or ENGEN183 Linear Algebra and Statistics for Engineers
- COMPX101 Introduction to Computer Science Or ENGEN103 Engineering Computing
- STATS111 Statistics for Science Or STATS121 Introduction to Statistical Methods
- PHYSIC100 General Physics Or PHYSIC101 Physics for Engineers and Scientists
- Or ENGEN110 Engineering Mechanics
- MATHS201 200 Level Mathematics
- COMPX200 200 Level Computer Science
- STATS200 200 Level Statistics
- CHEMY202 Physical Chemistry Or CHEMY204 Analytical Chemistry
- EARTH251 Spatial Analysis in Geosciences Or ENVPL202 Cartography and Spatial Analysis
- ENGEN201 Engineering Mathematics 2

**List C**
Choose 15 points from the following:
- SCIENCE1 Capstone Project
- SCIENCE3 Undergraduate Research Project
- SCIENCE13 Undergraduate Research Project
- SCIENCE14 Science Entrepreneurship

**BIOMO3 Papers**
Choose 45 points from the following:
- BIOMO301 Advanced Biochemistry
- BIOMO302 Advanced Genetics
- BIOMO303 Advanced Microbiology
- BIOMO304 Applied Animal Physiology
- BIOMO305 Molecular Biology and Biotechniques
- BIOMO306 Molecular Biology and Health